
Scientifically-Interesting Story of Albedo Values in the Cryosphere



Albedo Values in the Cryosphere

Are you looking for a storyline to use with your students that features NASA data that addresses how changes in the Cryosphere are quantified? Consider using the following resources in your classroom today!

- [Presentation](#)
- [Teacher Script](#)
- [Student Handout](#)

Document Resources

- [Presentation](#)
- [Presentation Script](#)
- [Student Handout](#)

Grade Band

- [6-8](#)
- [9-12](#)

Supported NGSS Performance Expectations

- [MS-ESS2-1: Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process.](#)
- [MS-ESS2-6: Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climates.](#)
- [HS-ESS2-2: Analyze geoscience data to make the claim that one change to Earth's surface can create feedbacks that cause changes to other Earth systems.](#)
- [HS-ESS2-4: Use a model to describe how variations in the flow of energy into and out of Earth's systems result in changes in climate.](#)

NGSS Disciplinary Core Ideas

- [ESS2A: Earth Materials and Systems](#)

NGSS Science and Engineering Practices

- [Developing and Using Models](#)
- [Analyzing and Interpreting Data](#)

Crosscutting Concepts

- [Cause and Effect](#)
- [Scale, Proportion, and Quantity](#)
- [Stability and Change](#)

